Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038179.D
Acq On : 10 Nov 2025 13:16
Operator : RC/JU
Sample : Q3552-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Quant Time: Nov 10 15:03:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	9073	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	30875	0.400	ng	#	0.00
13) Acenaphthene-d10	14.430	164	19011	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	33058	0.400	ng		0.00
29) Chrysene-d12	21.375	240	19022	0.400	ng		0.00
35) Perylene-d12	23.683	264	17692	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	793	0.037	ng		0.00
5) Phenol-d6	6.937	99	548	0.021	ng		0.00
8) Nitrobenzene-d5	8.929	82	1297	0.052	ng		0.00
11) 2-Methylnaphthalene-d10	12.172	152	2386	0.054	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	560	0.071	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	4415	0.058	ng		0.00
27) Fluoranthene-d10	19.220	212	3544	0.043	ng		0.00
31) Terphenyl-d14	19.819	244	3364	0.081	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	25832	2.756	ng		99
3) n-Nitrosodimethylamine	3.506	42	553	0.046	ng	#	1
6) bis(2-Chloroethyl)ether	7.096	93	2441	0.095	ng	#	25
9) Naphthalene	10.626	128	5169	0.061	ng	#	88
12) 2-Methylnaphthalene	12.248	142	2609	0.046	ng	#	92
17) Acenaphthene	14.494	154	1705	0.028	ng	#	83
18) Fluorene	15.489	166	3169	0.040	ng	#	1
20) 4,6-Dinitro-2-methylph...	15.489	198	105	0.200	ng	#	1
25) Phenanthrene	17.223	178	2937	0.028	ng	#	78
26) Anthracene	17.310	178	2091	0.023	ng	#	91
28) Fluoranthene	19.248	202	3539	0.030	ng		96
30) Pyrene	19.610	202	3213	0.037	ng	#	84
32) Benzo(a)anthracene	21.357	228	1641	0.024	ng	#	72
34) Bis(2-ethylhexyl)phtha...	21.295	149	4657	0.130	ng	#	99

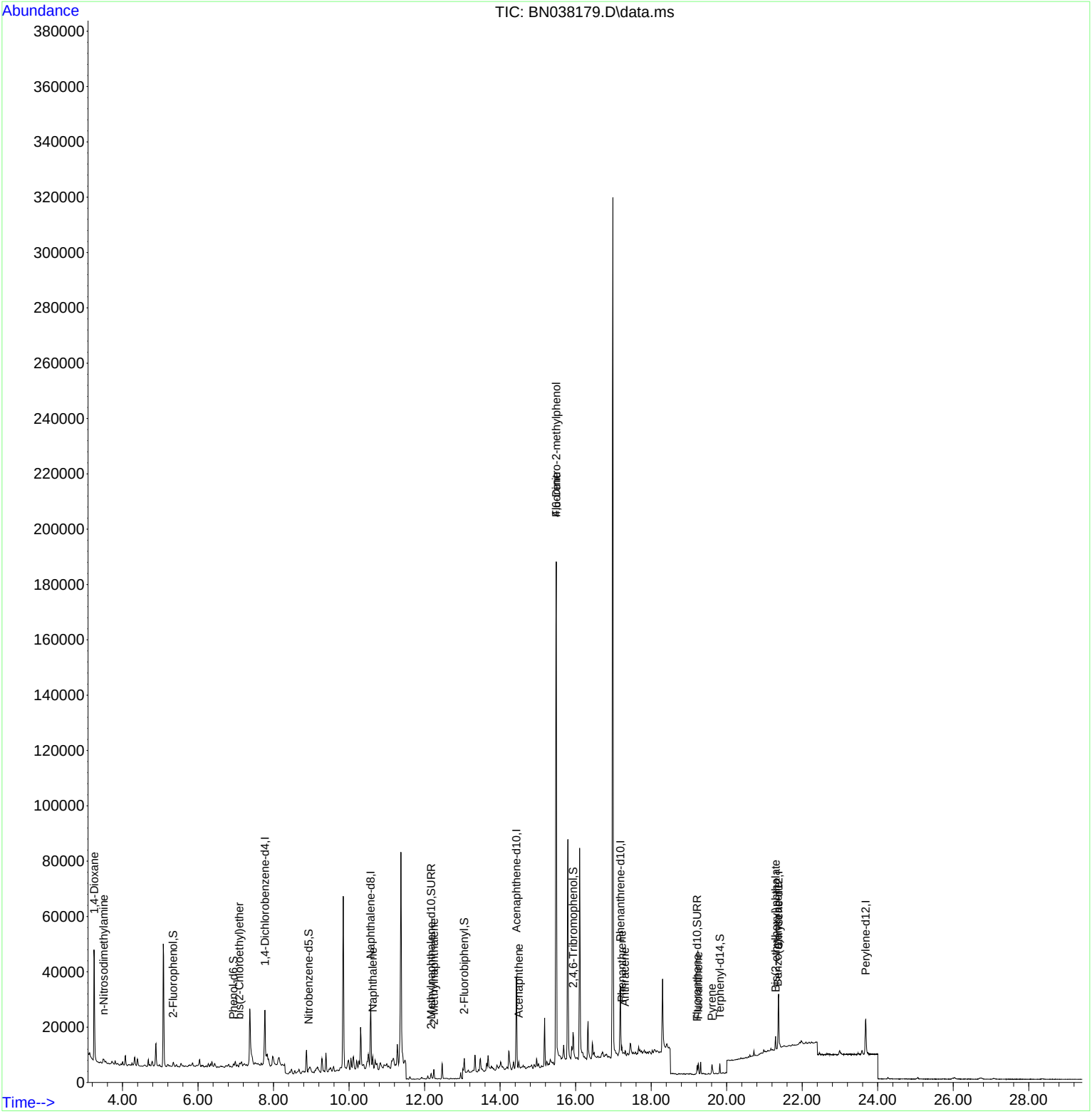
(#) = qualifier out of range (m) = manual integration (+) = signals summed

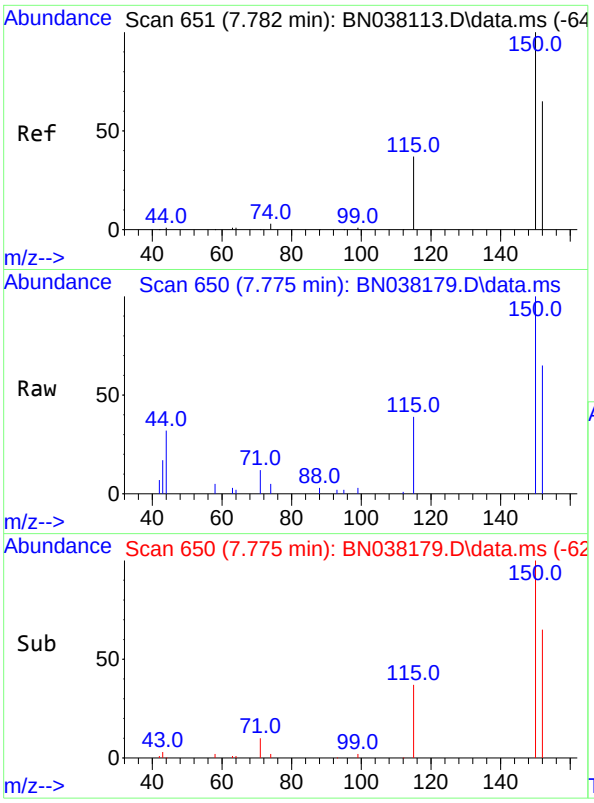
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038179.D
Acq On : 10 Nov 2025 13:16
Operator : RC/JU
Sample : Q3552-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Quant Time: Nov 10 15:03:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



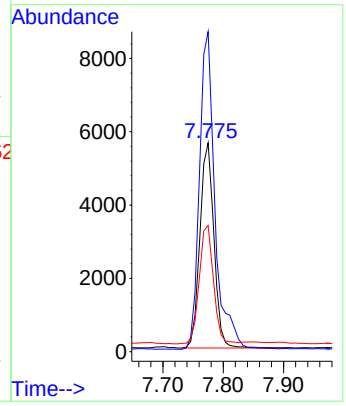


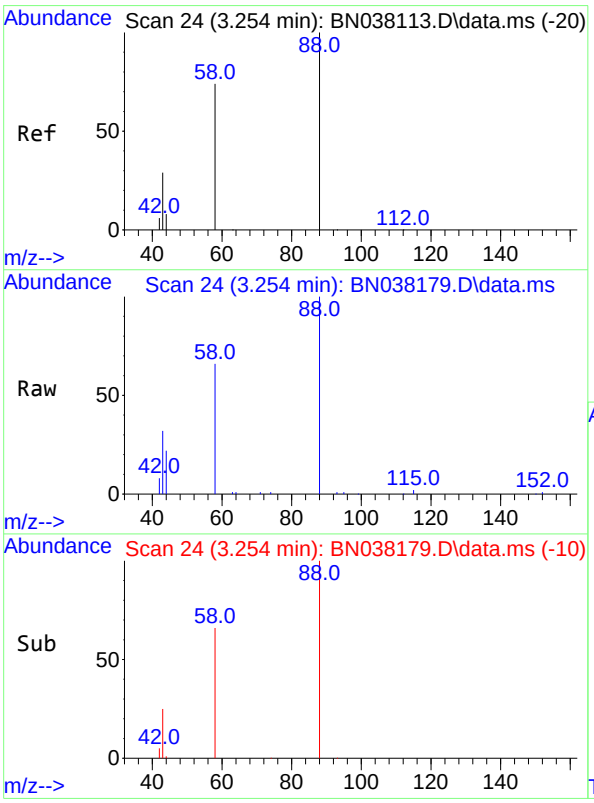
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:152 Resp: 9073

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.3	183.5
115	60.4	47.4	71.0

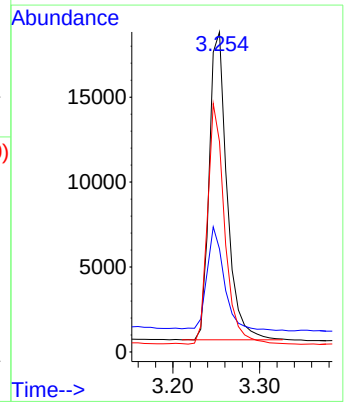


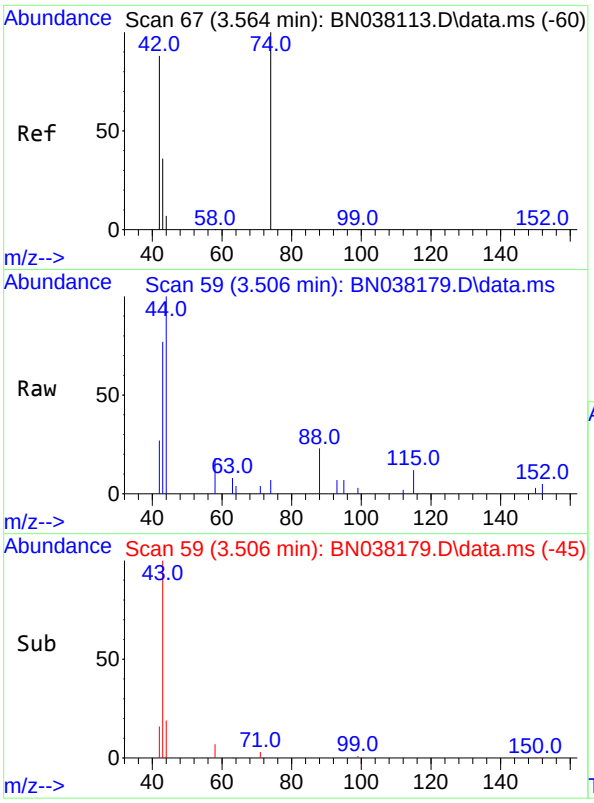


#2
1,4-Dioxane
Concen: 2.756 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion: 88 Resp: 25832

Ion	Ratio	Lower	Upper
88	100		
43	32.6	24.3	36.5
58	75.3	60.4	90.6



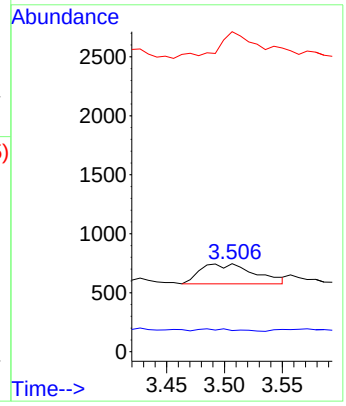


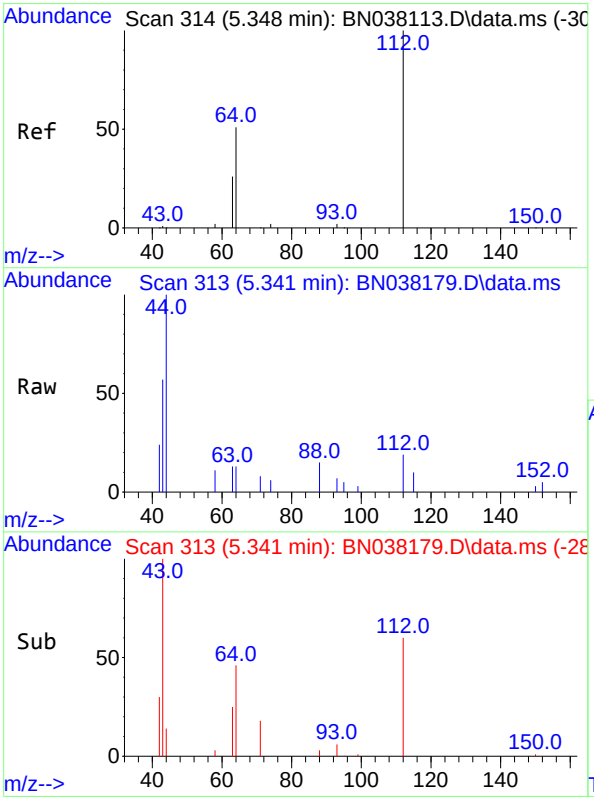
#3
n-Nitrosodimethylamine
Concen: 0.046 ng
RT: 3.506 min Scan# 5
Delta R.T. -0.051 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion: 42 Resp: 553

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.8	145.2#
44	86.3	5.3	7.9#

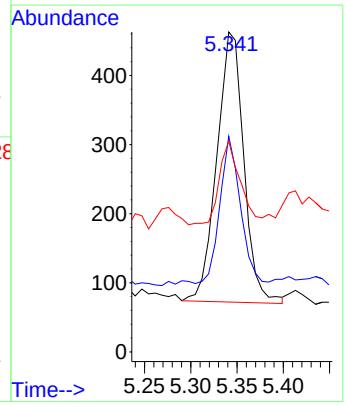


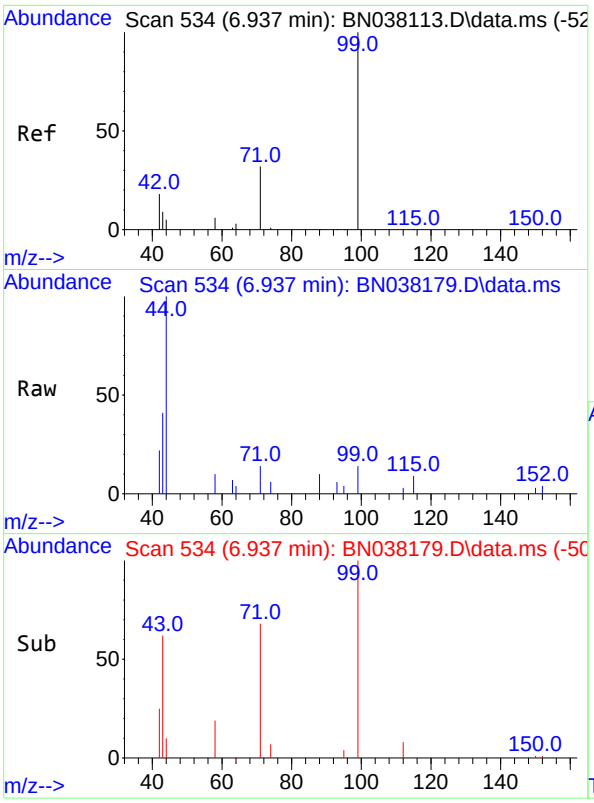


#4
2-Fluorophenol
Concen: 0.037 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:112 Resp: 793

Ion	Ratio	Lower	Upper
112	100		
64	43.3	45.4	68.0#
63	24.7	23.2	34.8



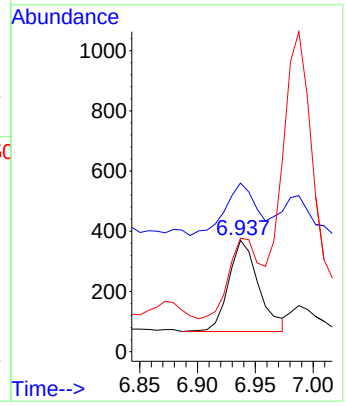


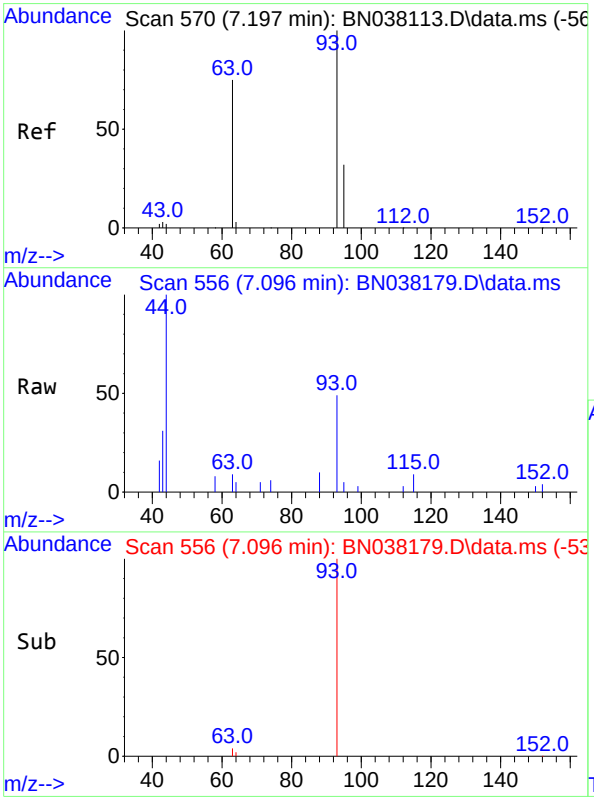
#5
Phenol-d6
Concen: 0.021 ng
RT: 6.937 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion: 99 Resp: 548

Ion	Ratio	Lower	Upper
99	100		
42	60.4	16.6	24.8#
71	94.7	25.4	38.2#

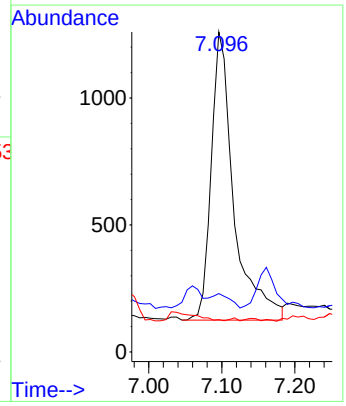


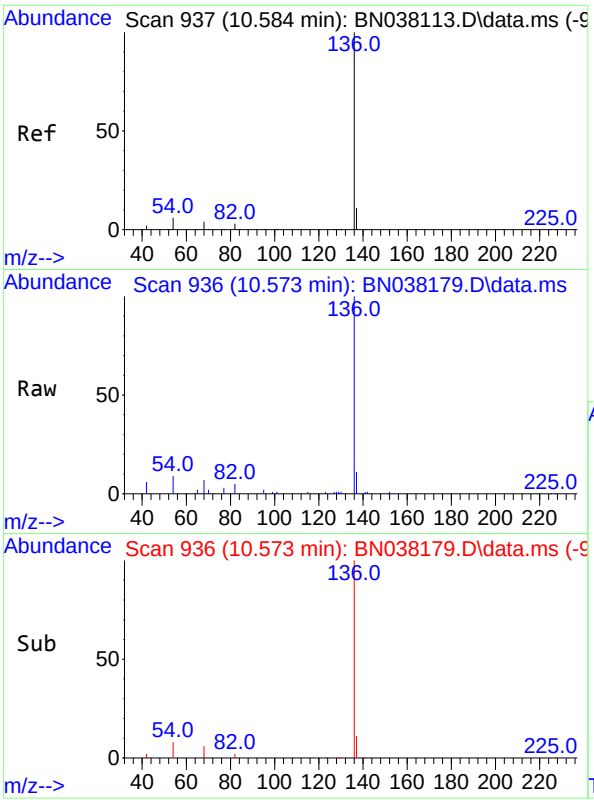


#6
bis(2-Chloroethyl)ether
Concen: 0.095 ng
RT: 7.096 min Scan# 556
Delta R.T. -0.101 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion: 93 Resp: 2441

Ion	Ratio	Lower	Upper
93	100		
63	3.7	59.3	88.9#
95	0.0	25.2	37.8#



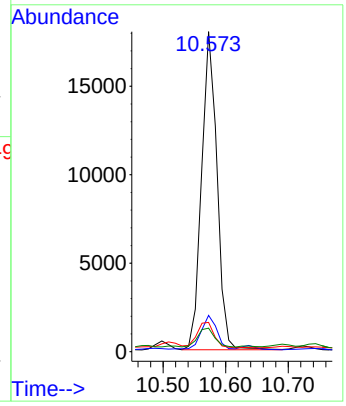


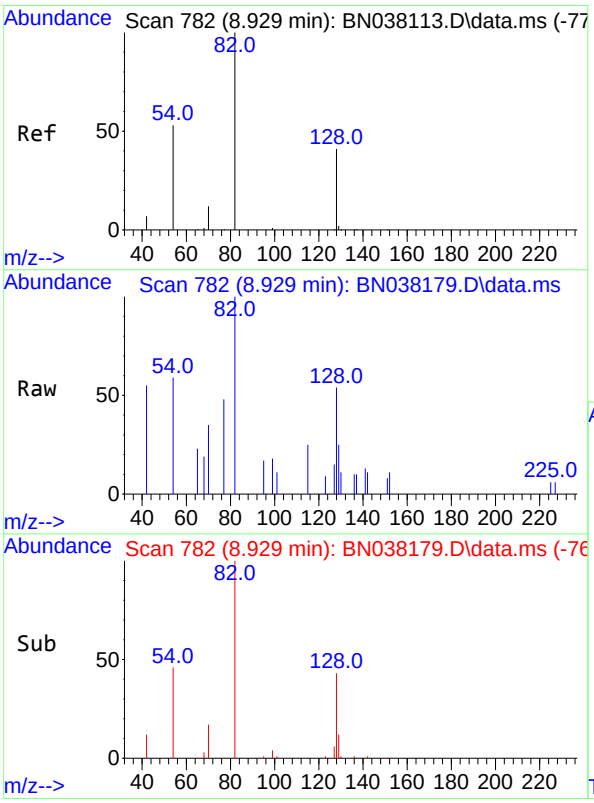
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:136 Resp: 30875

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	9.2	5.2	7.8#
68	7.3	4.1	6.1#

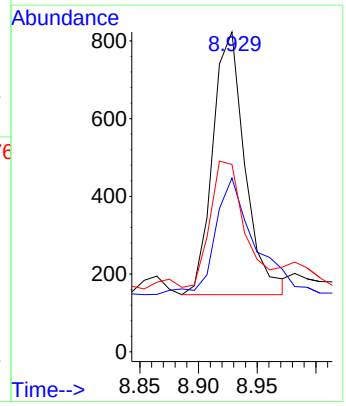


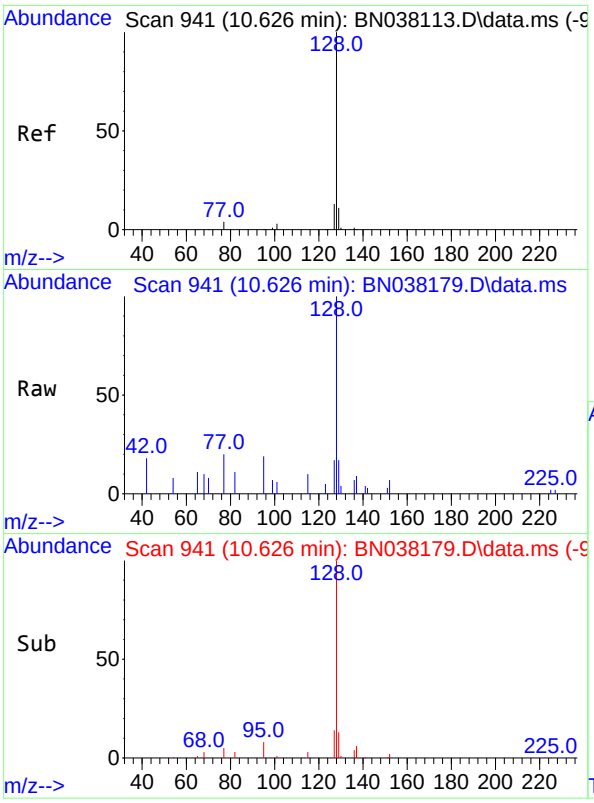


#8
Nitrobenzene-d5
Concen: 0.052 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion: 82 Resp: 1297

Ion	Ratio	Lower	Upper
82	100		
128	54.3	34.1	51.1#
54	58.6	43.5	65.3



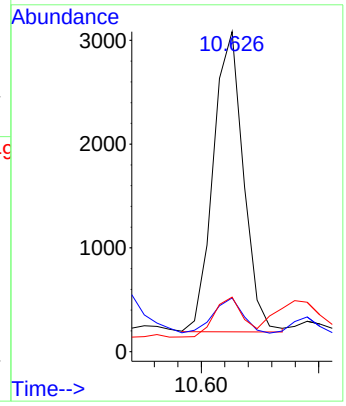


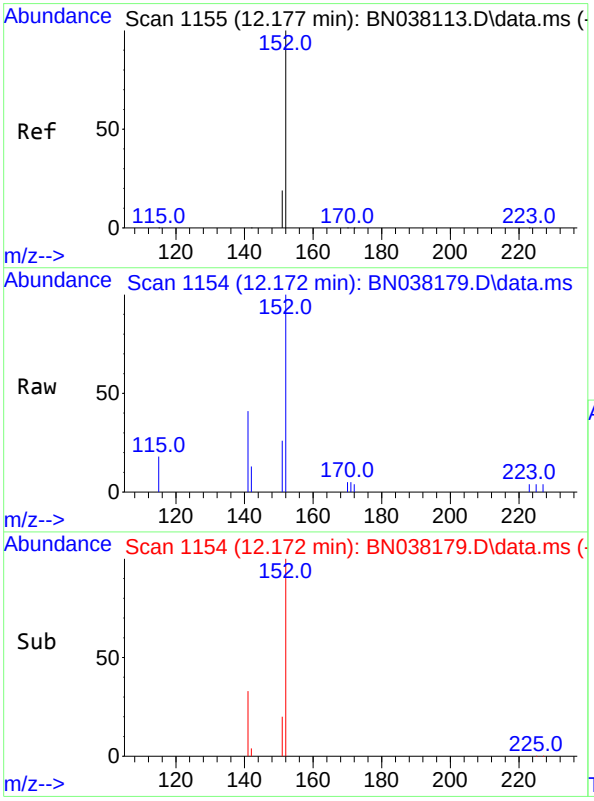
#9
Naphthalene
Concen: 0.061 ng
RT: 10.626 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:128 Resp: 5169

Ion	Ratio	Lower	Upper
128	100		
129	16.8	9.1	13.7#
127	17.1	10.5	15.7#

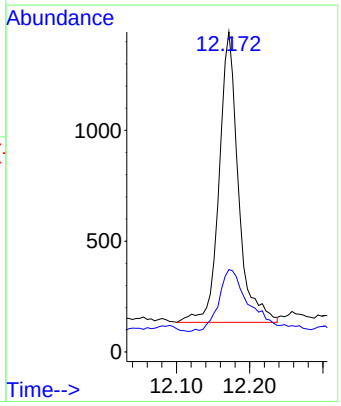


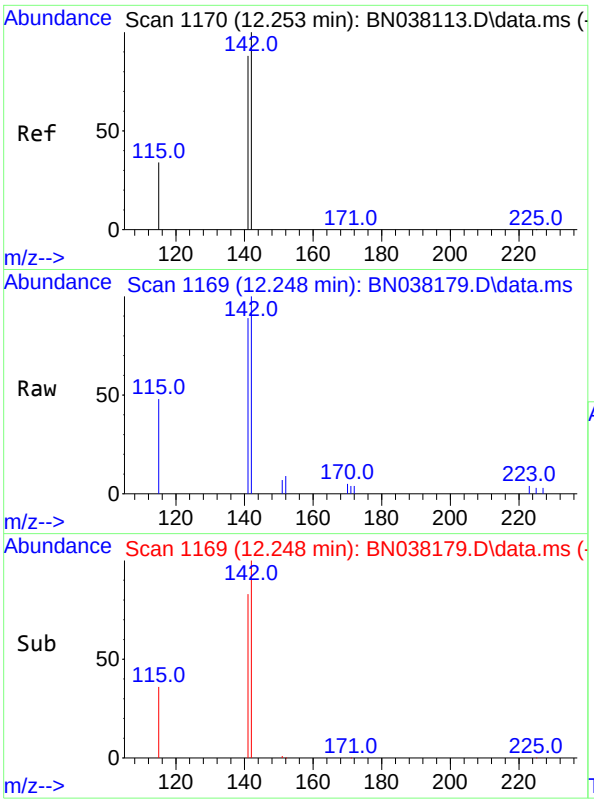


#11
2-Methylnaphthalene-d10
Concen: 0.054 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:152 Resp: 2386

Ion	Ratio	Lower	Upper
152	100		
151	35.4	16.8	25.2#



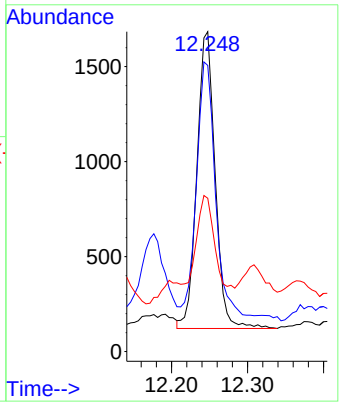


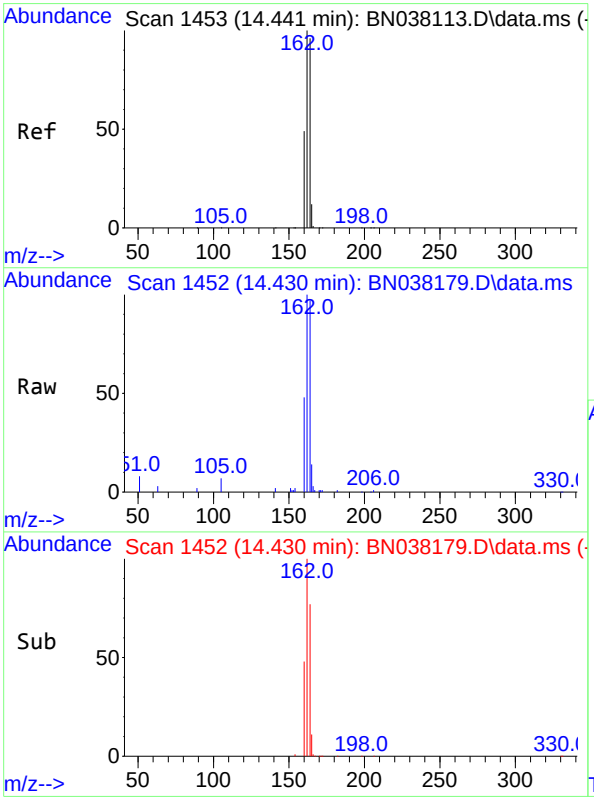
#12
2-Methylnaphthalene
Concen: 0.046 ng
RT: 12.248 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:142 Resp: 2609

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5
115	47.9	27.8	41.6#

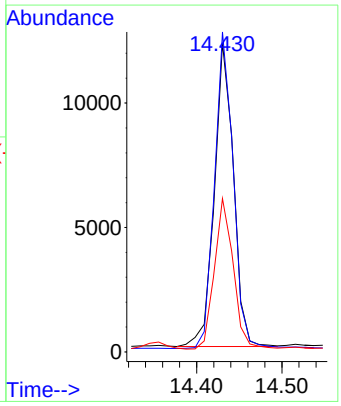


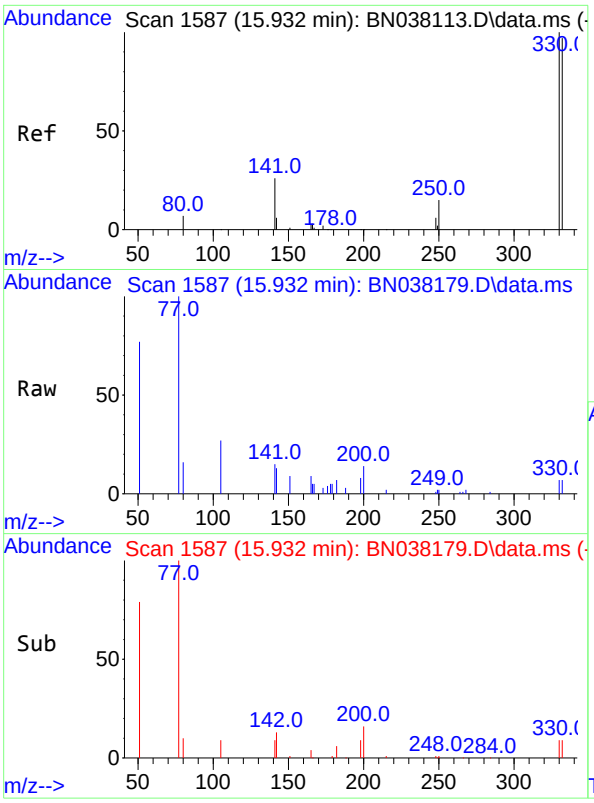


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:164 Resp: 19011

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.4
160	49.6	40.7	61.1



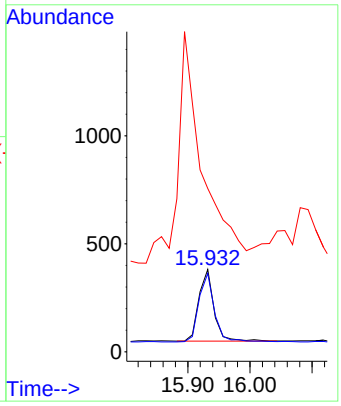


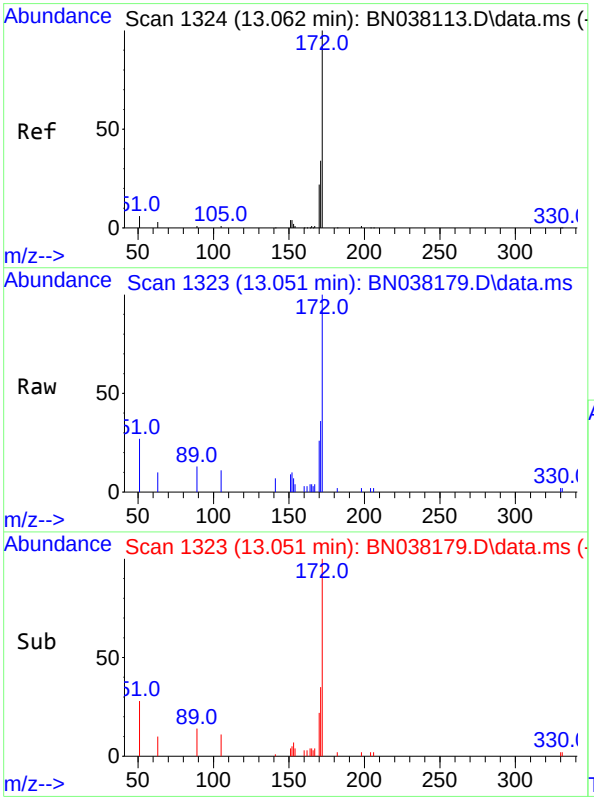
#14
2,4,6-Tribromophenol
Concen: 0.071 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:330 Resp: 560

Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	114.8
141	0.0	34.1	51.1#

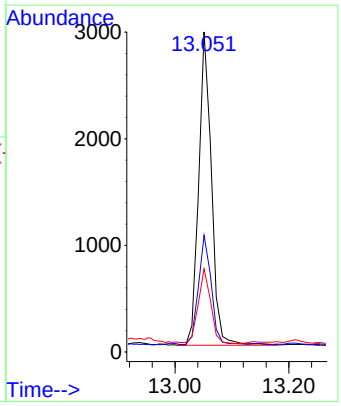


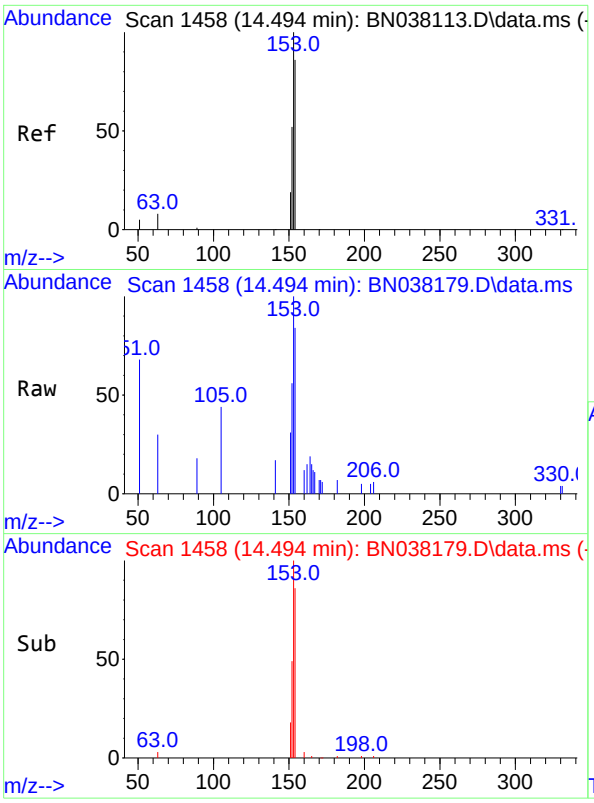


#15
2-Fluorobiphenyl
Concen: 0.058 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:172 Resp: 4415

Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.8	41.6
170	26.0	18.1	27.1



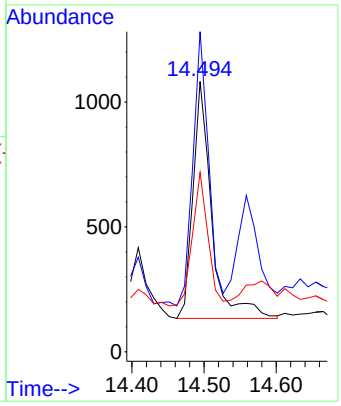


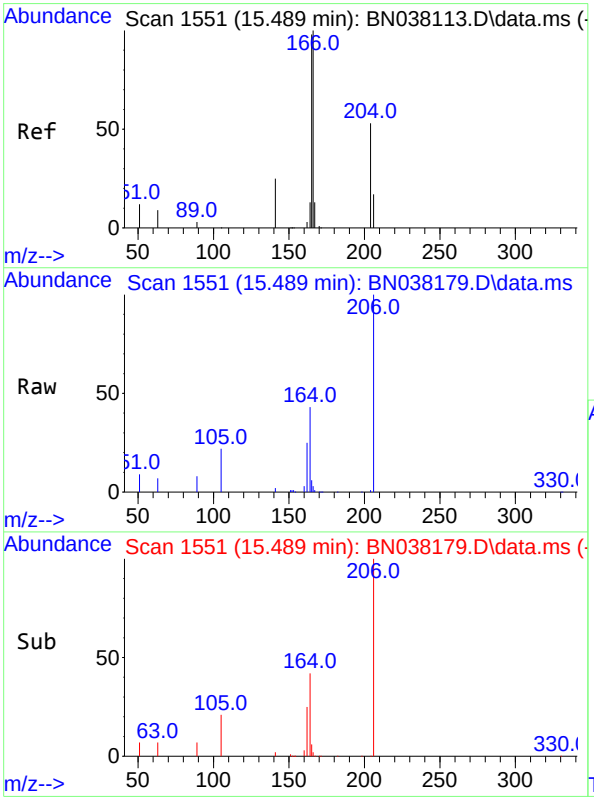
#17
Acenaphthene
Concen: 0.028 ng
RT: 14.494 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:154 Resp: 1705

Ion	Ratio	Lower	Upper
154	100		
153	93.5	90.0	135.0
152	46.5	47.3	70.9#

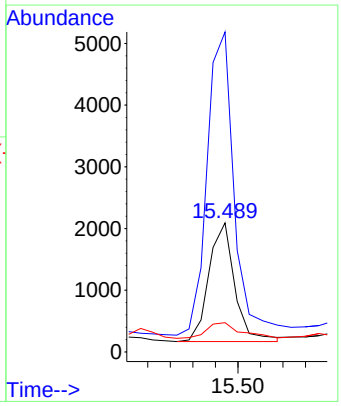


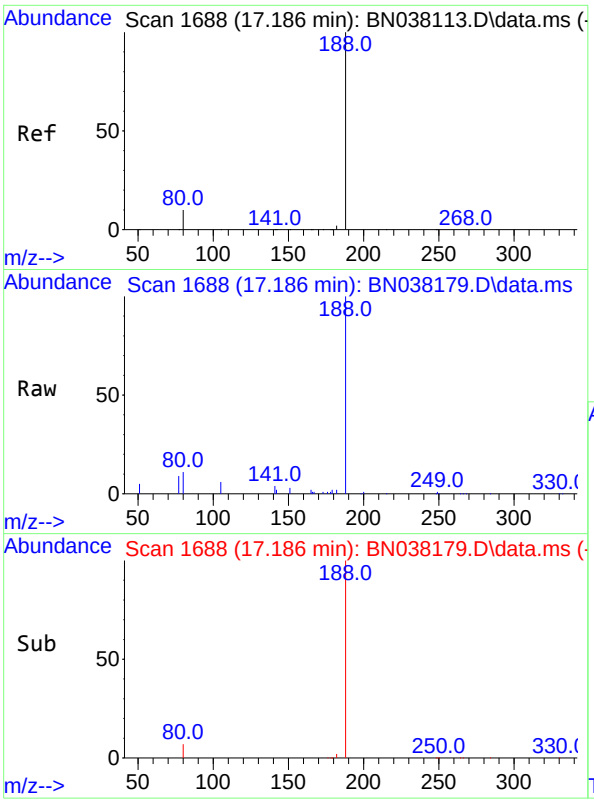


#18
Fluorene
Concen: 0.040 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:166 Resp: 3169

Ion	Ratio	Lower	Upper
166	100		
165	269.1	79.0	118.4#
167	17.3	10.7	16.1#



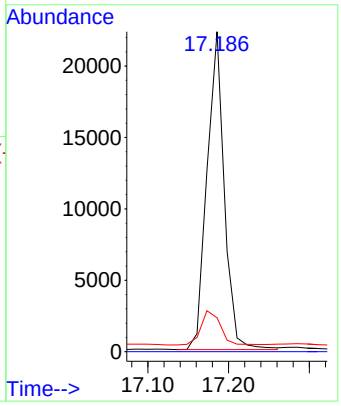


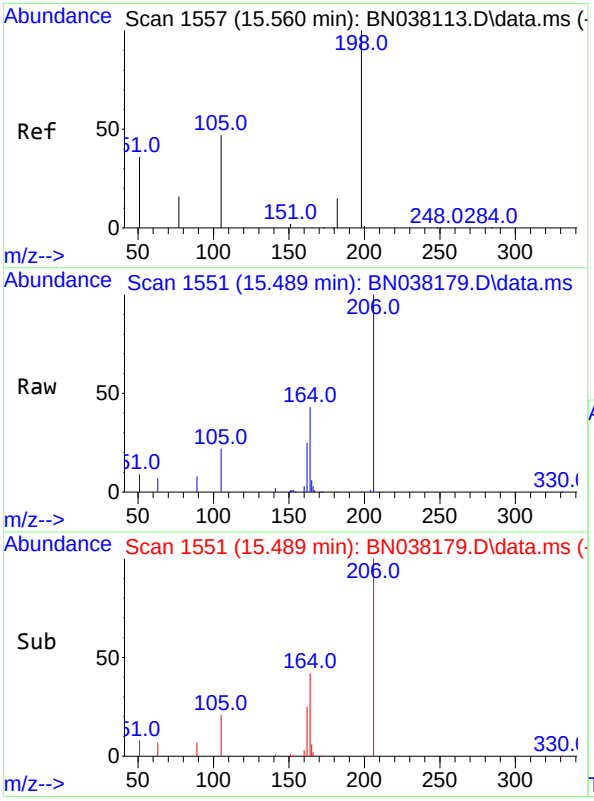
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:188 Resp: 33058

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	8.6	13.0

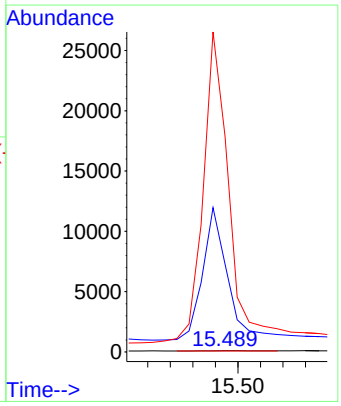


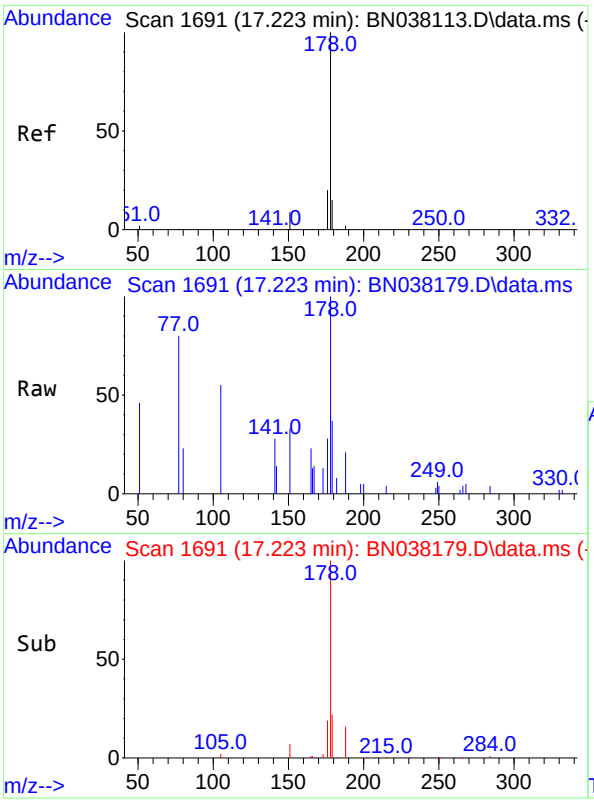


#20
4,6-Dinitro-2-methylphenol
Concen: 0.200 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.071 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:198 Resp: 105

Ion	Ratio	Lower	Upper
198	100		
51	6741.7	88.9	133.3#
105	16563.0	49.2	73.8#



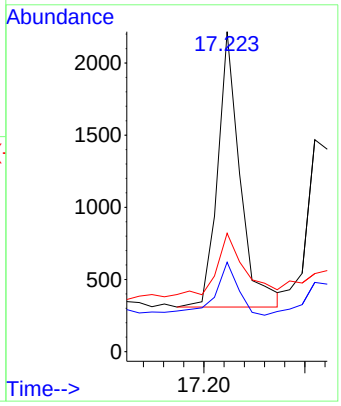


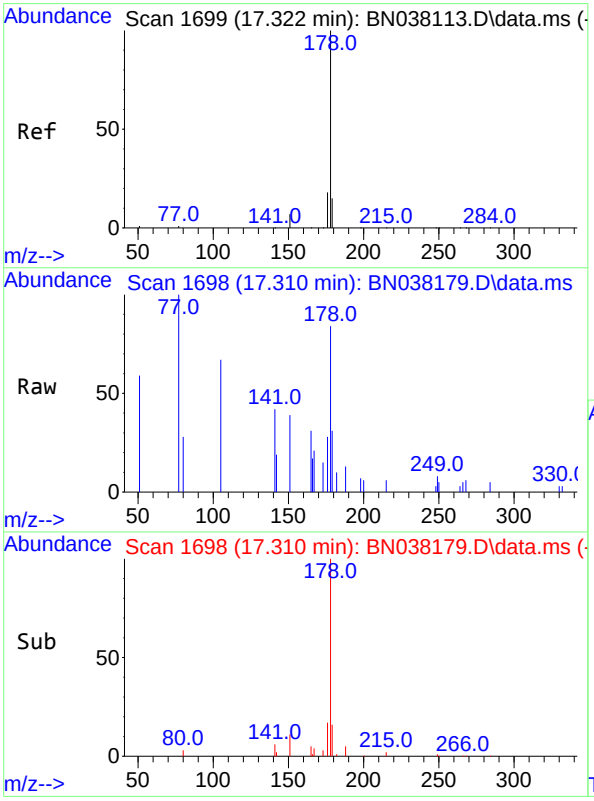
#25
Phenanthrene
Concen: 0.028 ng
RT: 17.223 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:178 Resp: 2937

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.5	23.3
179	35.5	12.2	18.4#

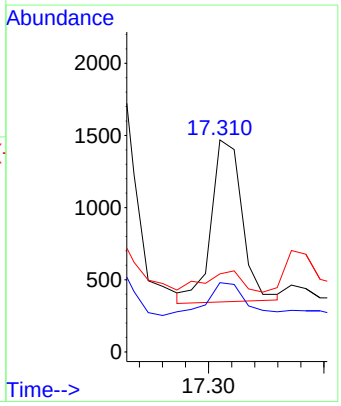


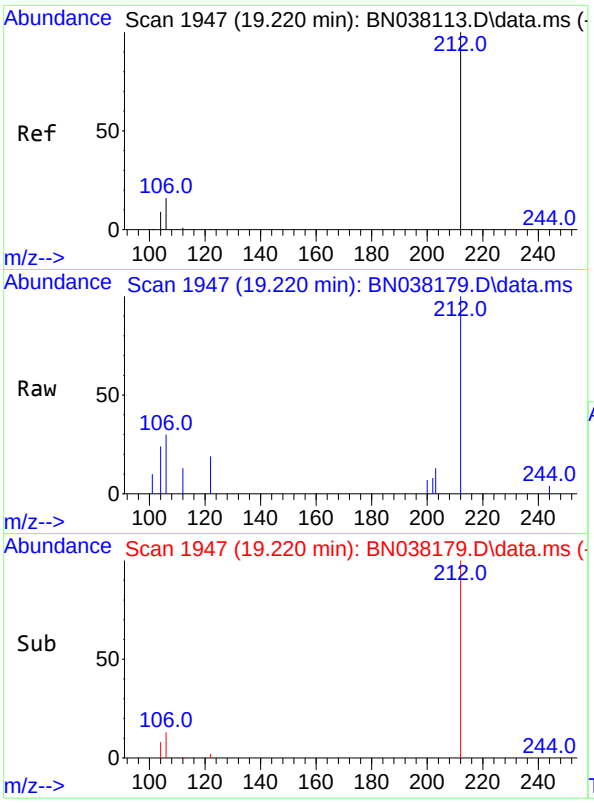


#26
Anthracene
Concen: 0.023 ng
RT: 17.310 min Scan# 1698
Delta R.T. -0.013 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:178 Resp: 2091

Ion	Ratio	Lower	Upper
178	100		
176	25.4	14.9	22.3#
179	15.4	11.8	17.8



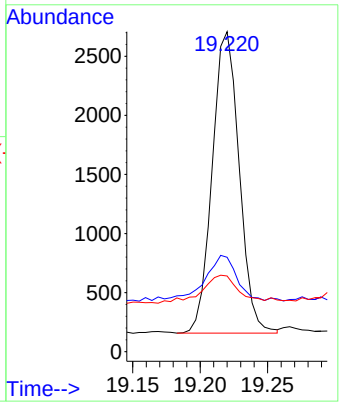


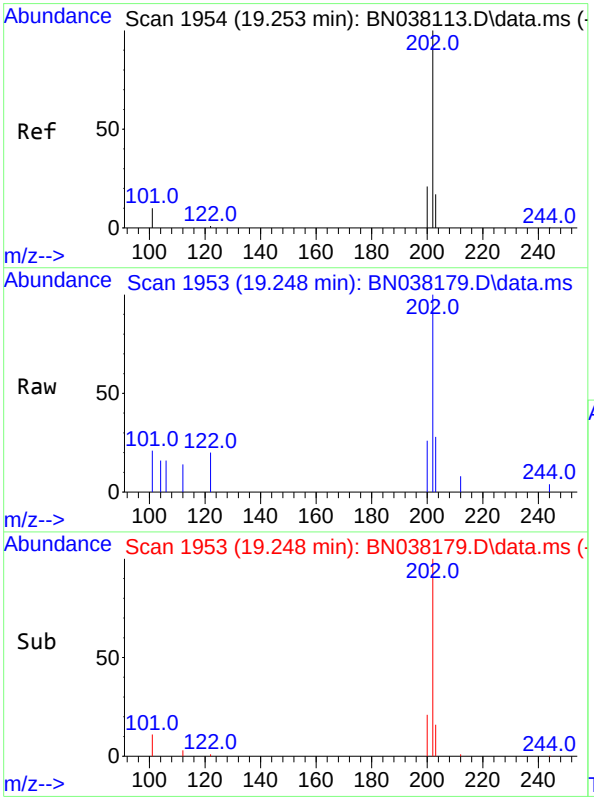
#27
Fluoranthene-d10
Concen: 0.043 ng
RT: 19.220 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:212 Resp: 3544

Ion	Ratio	Lower	Upper
212	100		
106	18.6	12.6	19.0
104	12.4	7.1	10.7#

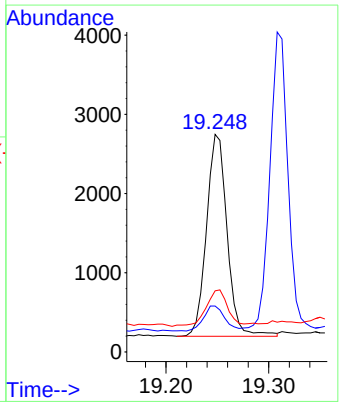


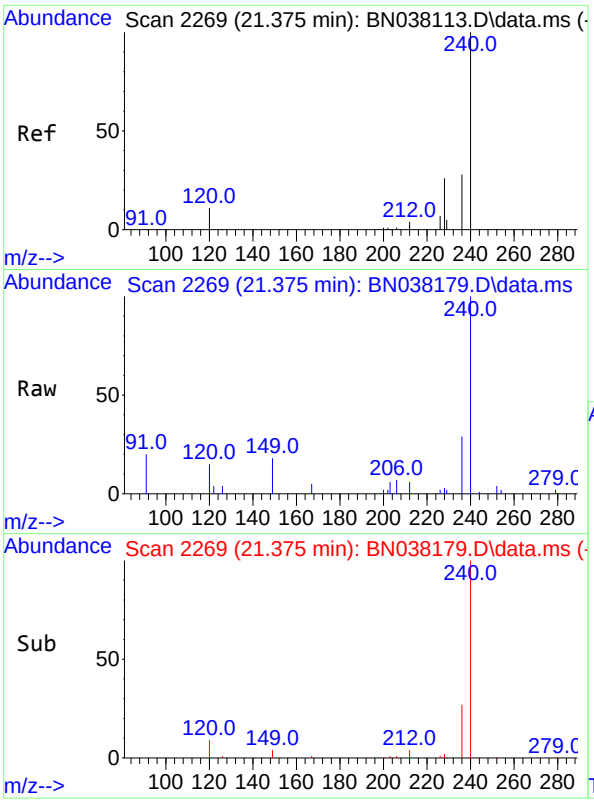


#28
Fluoranthene
Concen: 0.030 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:202 Resp: 3539

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.4	14.2
203	19.0	13.4	20.2



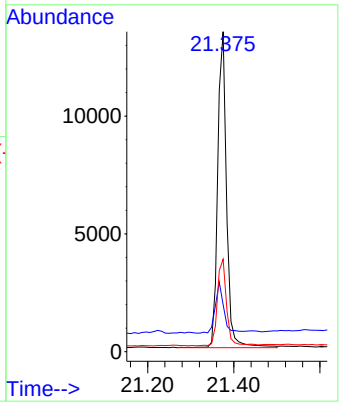


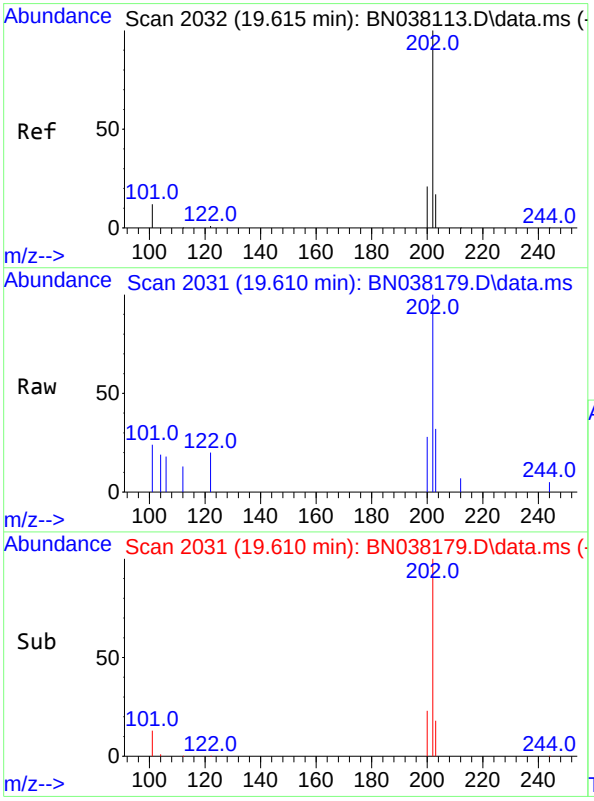
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:240 Resp: 19022

Ion	Ratio	Lower	Upper
240	100		
120	14.7	10.7	16.1
236	28.9	23.1	34.7

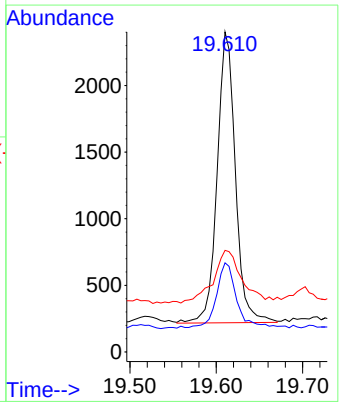


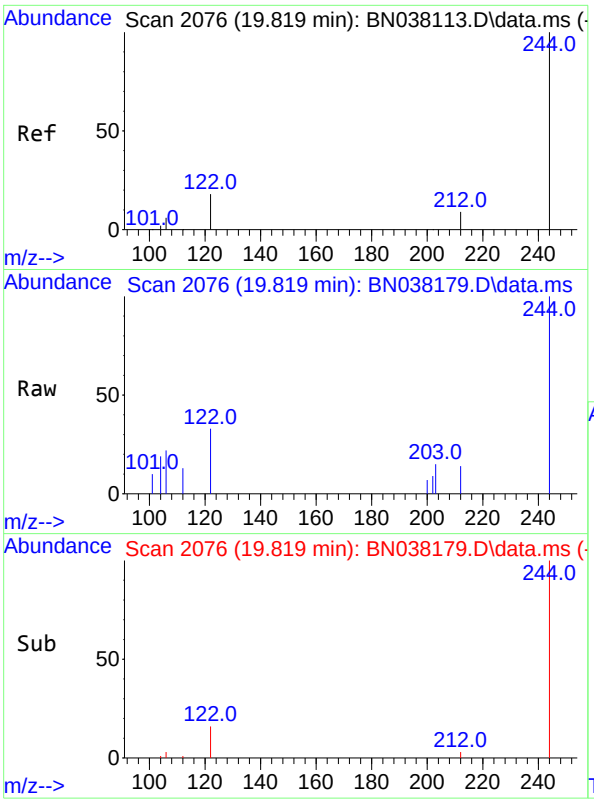


#30
Pyrene
Concen: 0.037 ng
RT: 19.610 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:202 Resp: 3213

Ion	Ratio	Lower	Upper
202	100		
200	24.9	16.7	25.1
203	28.9	14.2	21.2#



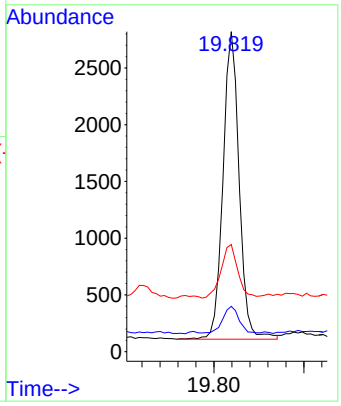


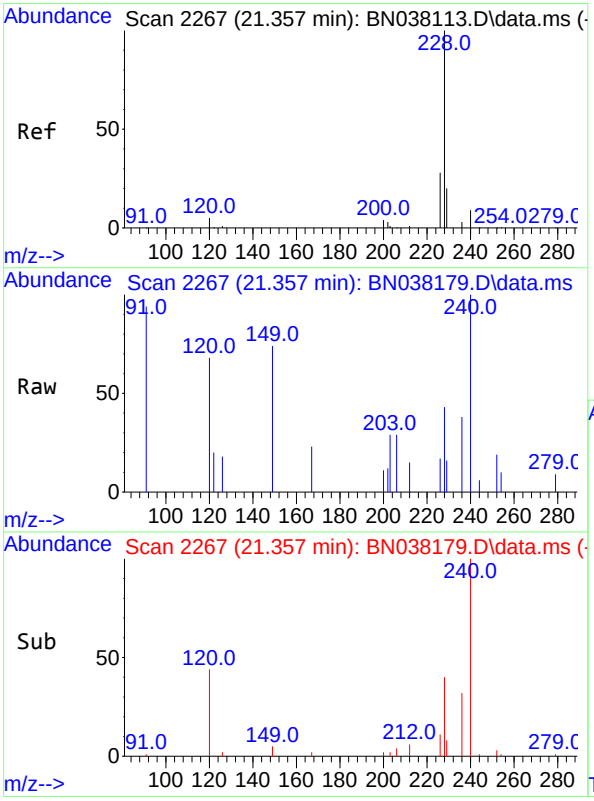
#31
Terphenyl-d14
Concen: 0.081 ng
RT: 19.819 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:244 Resp: 3364

Ion	Ratio	Lower	Upper
244	100		
212	14.1	7.8	11.6#
122	33.5	15.2	22.8#

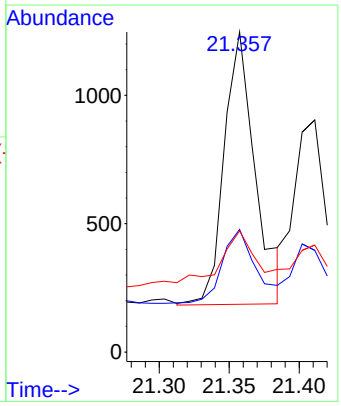


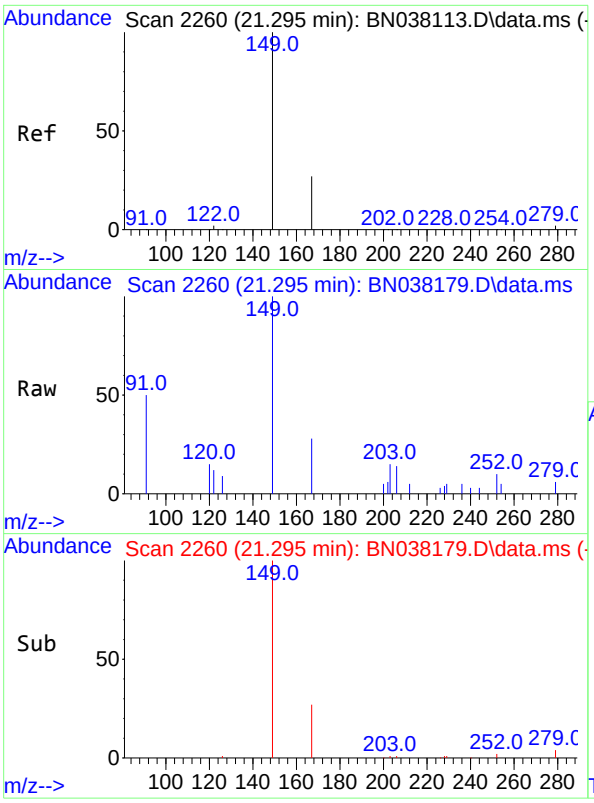


#32
Benzo(a)anthracene
Concen: 0.024 ng
RT: 21.357 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:228 Resp: 1641

Ion	Ratio	Lower	Upper
228	100		
226	38.3	22.2	33.4#
229	37.9	15.8	23.8#



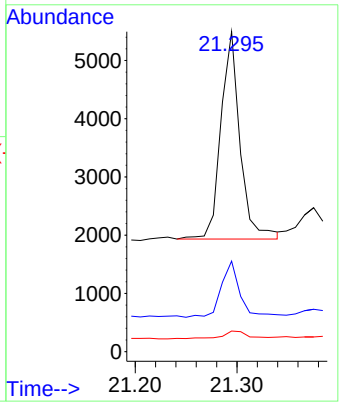


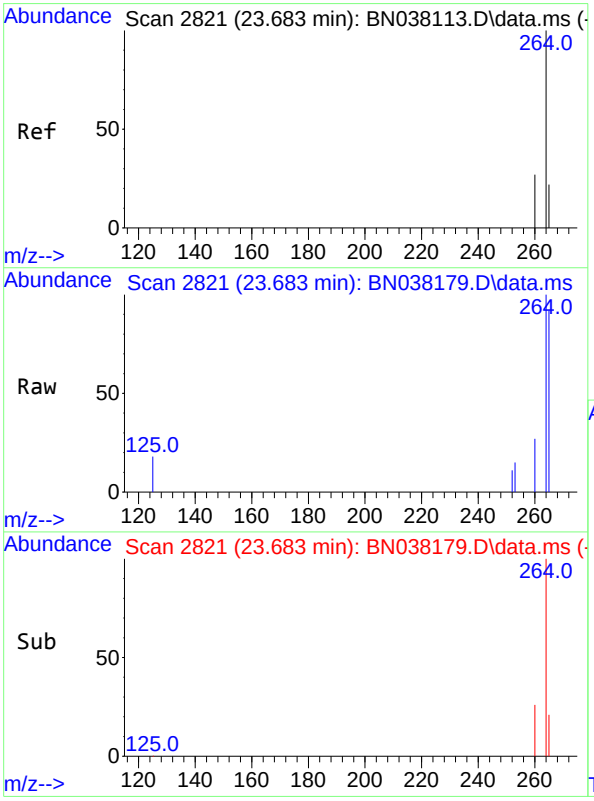
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.130 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:149 Resp: 4657

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.1	31.7
279	4.7	2.9	4.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:264 Resp: 17692

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.8	32.8
265	91.9	68.6	102.8